BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/04/2020-21 Dated: 11-08-2020

APPROVED TENDER SCHEDULE –'B'

Item 10

Name of Work :-Improvements to roads and drains at 18th Main, 19th main 20th main road and Surrounding areas of Judicial layout in ward no:04 Yelahanka Upanagara

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri K S ROHIT	
				Rate	Rate in Words
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm	3334.32	116.85	One Hundred Sixteen Paise EightyFive Only
2	KSRRB 300-1: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 0.5 m. excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P. No-	Cum	887.53	231.40	Two Hundred ThirtyOne Paise Fourty Only
3	KSRRB M2100-10: Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centring complete as per specifications. (P. No-222, I. No-27.18)	Cum	59.03	5692.45	Five Thousand Six Hundred NinetyTwo Paise FourtyFive Only

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4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2000. Including cost of materials, labour, HOM complete as per specifications. (Page No.271. Item No,37.59.2 of PW, P&IWTD S.R 2018-19)	Cum	113.81	7423.00	Seven Thousand Four Hundred TwentyThree Only
5	KSRRB M2300-14: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour HOM of machinery complete as per specifications. Specification NO. MORTH Specification No.1600 & 2200 TMT Bars Fe 500. (Page No. 239. Item No. 29.29.2 of PW, P&IWTD S.R 2018-19)	Tonne	7.43	77684.45	SeventySeven Thousand Six Hundred EightyFour Paise FourtyFive Only
6	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work, curing, including form cost of all materials, labour, hire charges of Machinery, loading, unloading, laid and lift, transportation etc., complete. As per Engineer IN charge. (Data Rate).	Sqm	306.00	2453.62	Two Thousand Four Hundred FiftyThree Paise SixtyTwo Only
7	Providing and Fixing RCC pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work, laid and lift charges, curing and concrete finished surfaces on both sides etc., complete. As per Engineer IN charge. (Data Rate).	Sqm	15.60	5688.36	Five Thousand Six Hundred EightyEight Paise ThirtySix Only
8	Providing granite slabs of selected quality roughly dressed and fixed in cement motor (1:6) including fixing curing etc., 7.5 cms thick.	sqm	1041.98	779.03	Seven Hundred SeventyNine Paise Three Only

	KSSRB M300-14: Excavation for roadwork in all types of soil by mechanical menas including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and croos sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification. Loading and unloading with 10km lead.	cum	524.56	72.51	SeventyTwo Paise FiftyOne Only
10	Construction of granular sub-base Grading-V as Sub-Base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in mechanical mix plant at OMC. Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No. 153. Item No.20.5)	Cum	393.42	2094.47	Two Thousand NinetyFour Paise FourtySeven Only
11	KSRRB M400-17: Providing, Laying, Spreading and Compacting crushed stone aggregates of granite/ trap/ Basalt to wet mix macadam specifications including premixing the material with water at OMC in Mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406. (Page No. 155. Item No. 20.18)	Cum	603.24	2101.14	Two Thousand One Hundred One Paise Fourteen Only
12	KSRRB M500-6: Providing and Applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg /sqm using mechanical means complete as per specifications Clause 502 of MORTH Clause 502 of MORTH V revision (P.No-158, Item No. 21.6)	Sqm	2622.80	27.82	TwentySeven Paise EightyTwo Only
13	KSRRB M500-7: Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg/10 sqm, heating bitumen in boiler fitted with spray set (including cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Sqm	7183.00	13.35	Thirteen Paise ThirtyFive Only

	KSRRB M500-17: Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete in all respects complete as per specifications. MORTH Specification No,507. Using 100/120 TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen (Page No. 160. I.No-21.17.6)	Cum	131.14	6012.97	Six Thousand Twelve Paise NinetySeven Only
15	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. Do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 Bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (Page No. 171, Item NO 21.78.12)	Cum	287.35	7099.15	Seven Thousand NinetyNine Paise Fifteen Only
16	KSRRB M800-13: Road marking with Hot Applied 'Thermoplastic' Compound with Reflectorizing Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The Finished surface to be level , Uniform and free from streaks and holes complete as per Specifications. MORTH Specification NO.803 (P.No-182, I.No-24.15)	Sqm	315.75	477.43	Four Hundred SeventySeven Paise FourtyThree Only

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.